

## CD63 Rabbit mAb

Catalog No: #52108

Package Size: #52108-1 50ul #52108-2 100ul

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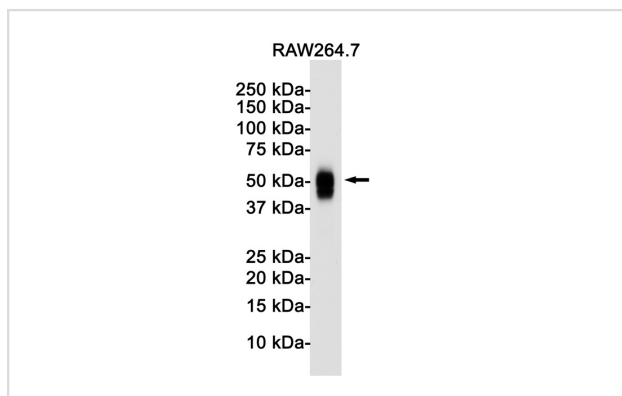
## Description

Product Name	CD63 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S06-4G3
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Mouse
Immunogen Description	A synthetic peptide of mouse CD63
Conjugates	Unconjugated
Modification	Unmodification
Other Names	CD63 antigen;CD63
Accession No.	Swiss-Prot:P41731GenelD:12512
Uniprot	P41731
GenelD	12512
Calculated MW	Calculated MW: 26 kDa; Observed MW: 40-70 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Application Details

WB: 1/1000;

## Images



Western blot detection of CD63 in Raw264.7 cell lysates using CD63 Rabbit mAb(1:1000 diluted). Predicted band size:26KDa.Observed band size:40-70KDa.

## Background

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Functions as cell surface receptor for TIMP1 and plays a role in the activation of cellular signaling cascades. Plays a role in the activation of ITGB1 and integrin signaling, leading to the activation of AKT, FAK/PTK2 and MAP kinases. Promotes cell survival, reorganization of the actin cytoskeleton, cell adhesion, spreading and migration, via its role in the activation of AKT and FAK/PTK2. Plays a role in VEGFA signaling via its role in regulating the internalization of KDR/VEGFR2. Plays a role in intracellular vesicular transport processes, and is required for normal trafficking of the PMEL luminal domain that is essential for the development and maturation of melanocytes. Plays a role in the adhesion of leukocytes onto endothelial cells via its role in the regulation of SELP trafficking. May play a role in mast cell degranulation in response to Ms4a2/FcεRI stimulation, but not in mast cell degranulation in response to other stimuli.

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Note: This product is for in vitro research use only